

ASPECT Response Support Services Contract # EP-W-12-005 Option Year 1  
Task Order 019 – ASPECT deployment to West Lake Landfill, Bridgeton, Missouri

Period of Performance

From: February 1, 2013

To: June 30, 2013

Below are the various elements for this Task Order. This Task Order is intended to support EPA Region 7 in further evaluation of the distribution of gamma-emitting radionuclides at the West Lake Landfill.

Task Element 1. Mobilization

The flight crew will review the mission order issued by the COR, make a flight plan, evaluate weather conditions and report to the contract PO on data collection feasibility. Should conditions permit, the contractor shall mobilize to the Site at 13570 St. Charles Rock Road, Bridgeton, Missouri. The contractor shall be prepared to collect gamma-radiation data (both total gamma intensity and gamma spectroscopy for radium, uranium and thorium isotopes), infrared imagery data and aerial photographs upon arrival at the site.

Task Element 2. Infrared and Aerial Photography Data collection and transmission

The contractor crew shall collect a set of Infrared Line Scanner, FTIR and Digital Aerial photos of the site as assigned in the mission order. It is anticipated this will consist of a flight during good light conditions to maximize aerial photo quality and a second flight which will minimize solar radiation affects on the infrared imagery.

Task Element 3. Gamma Radiation Data collection and transmission

A set of gamma-radiation data will be collected of a former landfill area near the west end of the St. Louis Lambert Airport. The gamma survey data may be collected concurrent with a photo or IR imagery data collection flight. All flight lines and data collection parameters will be included on Mission Orders issued and briefed prior to each flight. Each flight data set shall be transmitted to the PO/COR. This includes all log sheets completed in performance of the assignment.

Task Element 4. Demobilization

Following release from data collection and processing activities by the PO/COR the contractor shall return to its normal fixed base of operations near Dallas, Texas.